

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 BandV_ERP

Band: V									
ENV	Mode		Frequency (MHz)	Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
	Network	Subset				Result	Limit		
NTNV	RMC	12.2kbps RMC	826.4	24.42	-3.46	18.81	<=38.45	Pass	
			836.6	24.27	-3.46	18.66	<=38.45	Pass	
			846.6	24.04	-3.46	18.43	<=38.45	Pass	
	HSDPA	Subtest 1	826.4	22.20	-3.46	16.59	<=38.45	Pass	
		Subtest 2	826.4	22.24	-3.46	16.63	<=38.45	Pass	
		Subtest 3	826.4	22.22	-3.46	16.61	<=38.45	Pass	
		Subtest 4	826.4	22.27	-3.46	16.66	<=38.45	Pass	
		Subtest 1	836.6	22.10	-3.46	16.49	<=38.45	Pass	
		Subtest 2	836.6	22.06	-3.46	16.45	<=38.45	Pass	
		Subtest 3	836.6	22.06	-3.46	16.45	<=38.45	Pass	
		Subtest 4	836.6	22.12	-3.46	16.51	<=38.45	Pass	
		Subtest 1	846.6	21.96	-3.46	16.35	<=38.45	Pass	
		Subtest 2	846.6	21.99	-3.46	16.38	<=38.45	Pass	
		Subtest 3	846.6	21.97	-3.46	16.36	<=38.45	Pass	
		Subtest 4	846.6	22.00	-3.46	16.39	<=38.45	Pass	
		HSUPA	Subtest 1	826.4	20.02	-3.46	14.41	<=38.45	Pass
			Subtest 2	826.4	20.18	-3.46	14.57	<=38.45	Pass
			Subtest 3	826.4	19.91	-3.46	14.30	<=38.45	Pass
			Subtest 4	826.4	20.24	-3.46	14.63	<=38.45	Pass
			Subtest 5	826.4	19.58	-3.46	13.97	<=38.45	Pass
	Subtest 1		836.6	20.15	-3.46	14.54	<=38.45	Pass	
	Subtest 2		836.6	20.02	-3.46	14.41	<=38.45	Pass	
	Subtest 3		836.6	19.83	-3.46	14.22	<=38.45	Pass	
	Subtest 4		836.6	20.12	-3.46	14.51	<=38.45	Pass	
	Subtest 5		836.6	19.45	-3.46	13.84	<=38.45	Pass	
	Subtest 1		846.6	19.69	-3.46	14.08	<=38.45	Pass	
	Subtest 2		846.6	19.99	-3.46	14.38	<=38.45	Pass	
	Subtest 3		846.6	19.76	-3.46	14.15	<=38.45	Pass	
	Subtest 4	846.6	20.01	-3.46	14.40	<=38.45	Pass		
	Subtest 5	846.6	19.36	-3.46	13.75	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 BandV

Band: V								
Network	Frequency (MHz)	Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
					Result	Limit		
RMC	826.4	20	LV	-7.367	-0.0089	-2.5 to 2.5	Pass	
			NV	-5.894	-0.0071	-2.5 to 2.5	Pass	
			HV	-4.756	-0.0058	-2.5 to 2.5	Pass	
		-30	NV	-4.470	-0.0054	-2.5 to 2.5	Pass	
		-20	NV	-5.951	-0.0072	-2.5 to 2.5	Pass	
		-10	NV	-5.836	-0.0071	-2.5 to 2.5	Pass	
		0	NV	-5.736	-0.0069	-2.5 to 2.5	Pass	
		10	NV	-4.427	-0.0054	-2.5 to 2.5	Pass	
		30	NV	-4.735	-0.0057	-2.5 to 2.5	Pass	
		40	NV	-4.864	-0.0059	-2.5 to 2.5	Pass	
	50	NV	-4.914	-0.0059	-2.5 to 2.5	Pass		
	836.6	20	LV	-3.848	-0.0046	-2.5 to 2.5	Pass	
			NV	-2.539	-0.0030	-2.5 to 2.5	Pass	
			HV	-2.918	-0.0035	-2.5 to 2.5	Pass	
		-30	NV	-5.250	-0.0063	-2.5 to 2.5	Pass	
		-20	NV	-3.498	-0.0042	-2.5 to 2.5	Pass	
		-10	NV	-5.064	-0.0061	-2.5 to 2.5	Pass	
		0	NV	-2.990	-0.0036	-2.5 to 2.5	Pass	
		10	NV	-4.549	-0.0054	-2.5 to 2.5	Pass	
		30	NV	-5.271	-0.0063	-2.5 to 2.5	Pass	
		40	NV	-3.841	-0.0046	-2.5 to 2.5	Pass	
	50	NV	-3.662	-0.0044	-2.5 to 2.5	Pass		
	846.6	20	LV	-3.841	-0.0045	-2.5 to 2.5	Pass	
			NV	-4.892	-0.0058	-2.5 to 2.5	Pass	
			HV	-4.385	-0.0052	-2.5 to 2.5	Pass	
		-30	NV	-3.526	-0.0042	-2.5 to 2.5	Pass	
		-20	NV	-4.098	-0.0048	-2.5 to 2.5	Pass	
		-10	NV	-4.685	-0.0055	-2.5 to 2.5	Pass	
		0	NV	-3.748	-0.0044	-2.5 to 2.5	Pass	
		10	NV	-3.269	-0.0039	-2.5 to 2.5	Pass	
		30	NV	-3.691	-0.0044	-2.5 to 2.5	Pass	
		40	NV	-3.018	-0.0036	-2.5 to 2.5	Pass	
	50	NV	-2.689	-0.0032	-2.5 to 2.5	Pass		
	HSDPA	826.4	20	LV	-4.342	-0.0053	-2.5 to 2.5	Pass
				NV	-3.719	-0.0045	-2.5 to 2.5	Pass
				HV	-3.476	-0.0042	-2.5 to 2.5	Pass
-30			NV	-2.739	-0.0033	-2.5 to 2.5	Pass	
-20			NV	-2.811	-0.0034	-2.5 to 2.5	Pass	
-10			NV	-0.966	-0.0012	-2.5 to 2.5	Pass	
0			NV	-4.621	-0.0056	-2.5 to 2.5	Pass	
10			NV	-1.037	-0.0013	-2.5 to 2.5	Pass	
30			NV	-2.847	-0.0034	-2.5 to 2.5	Pass	
40			NV	-4.821	-0.0058	-2.5 to 2.5	Pass	
50		NV	-2.639	-0.0032	-2.5 to 2.5	Pass		
836.6		20	LV	-3.805	-0.0045	-2.5 to 2.5	Pass	
			NV	-2.747	-0.0033	-2.5 to 2.5	Pass	
			HV	-0.036	0.0000	-2.5 to 2.5	Pass	

	846.6	-30	NV	-3.197	-0.0038	-2.5 to 2.5	Pass	
		-20	NV	-4.570	-0.0055	-2.5 to 2.5	Pass	
		-10	NV	-3.862	-0.0046	-2.5 to 2.5	Pass	
		0	NV	-6.580	-0.0079	-2.5 to 2.5	Pass	
		10	NV	-3.176	-0.0038	-2.5 to 2.5	Pass	
		30	NV	-2.954	-0.0035	-2.5 to 2.5	Pass	
		40	NV	-2.275	-0.0027	-2.5 to 2.5	Pass	
		50	NV	-5.586	-0.0067	-2.5 to 2.5	Pass	
		20	LV	-4.270	-0.0050	-2.5 to 2.5	Pass	
			NV	-3.290	-0.0039	-2.5 to 2.5	Pass	
			HV	-3.319	-0.0039	-2.5 to 2.5	Pass	
		-30	NV	-3.633	-0.0043	-2.5 to 2.5	Pass	
		-20	NV	-5.586	-0.0066	-2.5 to 2.5	Pass	
		-10	NV	-3.562	-0.0042	-2.5 to 2.5	Pass	
		0	NV	-2.861	-0.0034	-2.5 to 2.5	Pass	
		10	NV	-6.702	-0.0079	-2.5 to 2.5	Pass	
		30	NV	-3.905	-0.0046	-2.5 to 2.5	Pass	
		40	NV	-4.392	-0.0052	-2.5 to 2.5	Pass	
		50	NV	-2.303	-0.0027	-2.5 to 2.5	Pass	
HSUPA	826.4	20	LV	-0.651	-0.0008	-2.5 to 2.5	Pass	
			NV	2.418	0.0029	-2.5 to 2.5	Pass	
			HV	2.496	0.0030	-2.5 to 2.5	Pass	
		-30	NV	3.669	0.0044	-2.5 to 2.5	Pass	
		-20	NV	2.232	0.0027	-2.5 to 2.5	Pass	
		-10	NV	0.093	0.0001	-2.5 to 2.5	Pass	
		0	NV	-3.355	-0.0041	-2.5 to 2.5	Pass	
		10	NV	1.831	0.0022	-2.5 to 2.5	Pass	
		30	NV	1.202	0.0015	-2.5 to 2.5	Pass	
		40	NV	0.207	0.0003	-2.5 to 2.5	Pass	
		50	NV	0.401	0.0005	-2.5 to 2.5	Pass	
		836.6	20	LV	-3.533	-0.0042	-2.5 to 2.5	Pass
				NV	0.021	0.0000	-2.5 to 2.5	Pass
	HV			1.366	0.0016	-2.5 to 2.5	Pass	
	-30		NV	-0.644	-0.0008	-2.5 to 2.5	Pass	
	-20		NV	0.229	0.0003	-2.5 to 2.5	Pass	
	-10		NV	-1.760	-0.0021	-2.5 to 2.5	Pass	
	0		NV	1.180	0.0014	-2.5 to 2.5	Pass	
	10	NV	0.780	0.0009	-2.5 to 2.5	Pass		
30	NV	1.094	0.0013	-2.5 to 2.5	Pass			
40	NV	-1.774	-0.0021	-2.5 to 2.5	Pass			
50	NV	-2.646	-0.0032	-2.5 to 2.5	Pass			
846.6	20	LV	-1.059	-0.0013	-2.5 to 2.5	Pass		
		NV	2.968	0.0035	-2.5 to 2.5	Pass		
		HV	2.797	0.0033	-2.5 to 2.5	Pass		
	-30	NV	-0.150	-0.0002	-2.5 to 2.5	Pass		
	-20	NV	1.509	0.0018	-2.5 to 2.5	Pass		
	-10	NV	0.508	0.0006	-2.5 to 2.5	Pass		
	0	NV	-0.758	-0.0009	-2.5 to 2.5	Pass		
	10	NV	4.120	0.0049	-2.5 to 2.5	Pass		
	30	NV	1.788	0.0021	-2.5 to 2.5	Pass		
	40	NV	0.951	0.0011	-2.5 to 2.5	Pass		
50	NV	0.286	0.0003	-2.5 to 2.5	Pass			

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 BandV_OBW

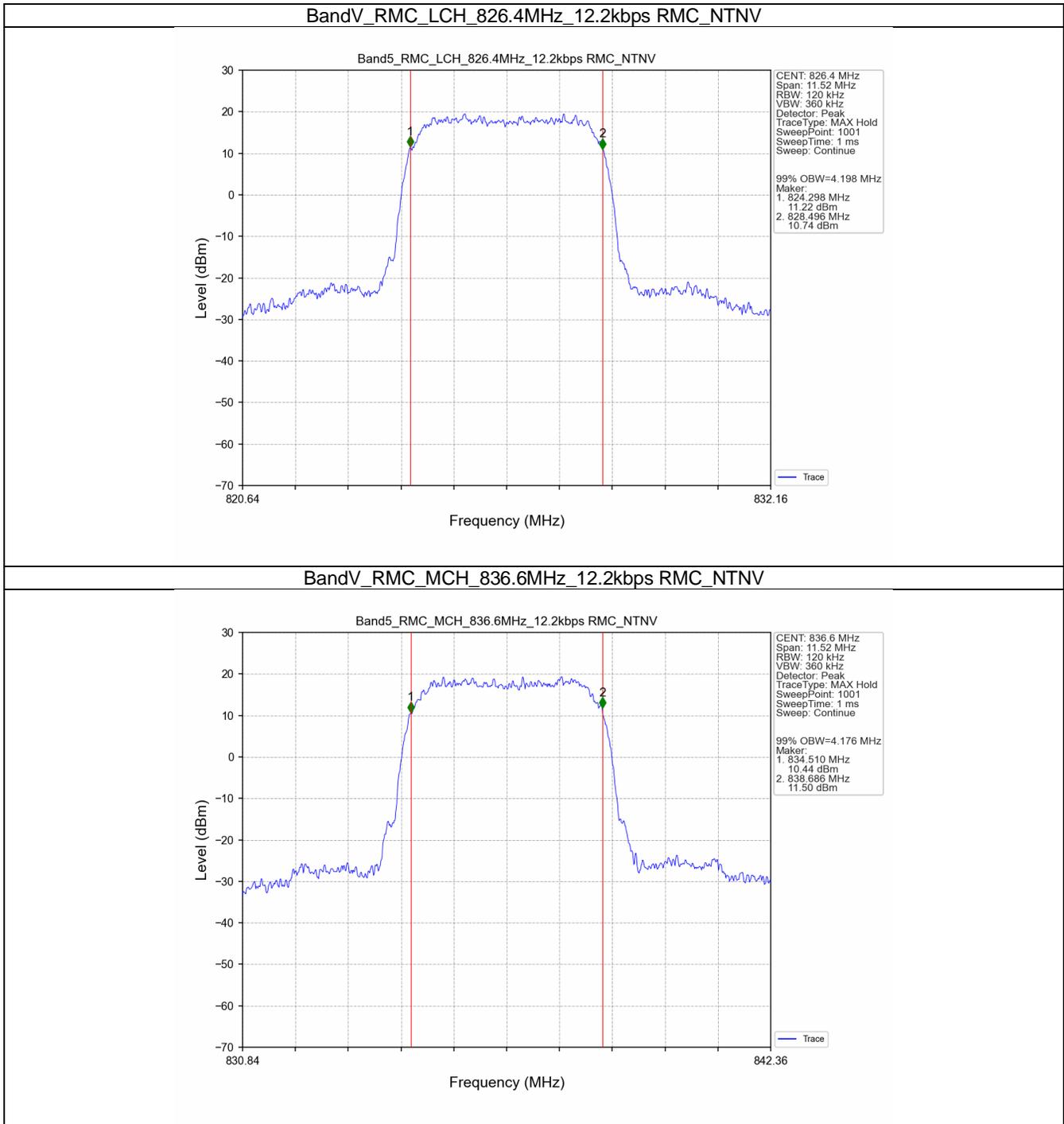
Band: V						
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	4.198	/	Pass
			836.6	4.176	/	Pass
			846.6	4.156	/	Pass
	HSDPA	Subtest 1	826.4	4.193	/	Pass
			836.6	4.171	/	Pass
			846.6	4.180	/	Pass
	HSUPA	Subtest 1	826.4	4.196	/	Pass
			836.6	4.178	/	Pass
			846.6	4.179	/	Pass

3.1.2 BandV_XDB

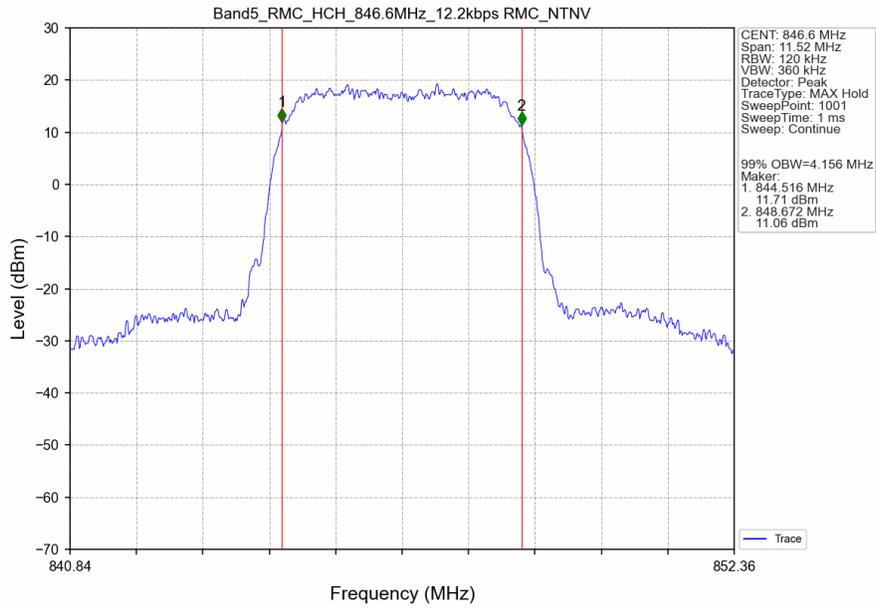
Band: V						
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	4.754	/	Pass
			836.6	4.737	/	Pass
			846.6	4.747	/	Pass
	HSDPA	Subtest 1	826.4	4.763	/	Pass
			836.6	4.742	/	Pass
			846.6	4.720	/	Pass
	HSUPA	Subtest 1	826.4	4.725	/	Pass
			836.6	4.728	/	Pass
			846.6	4.739	/	Pass

3.2 Test Graph

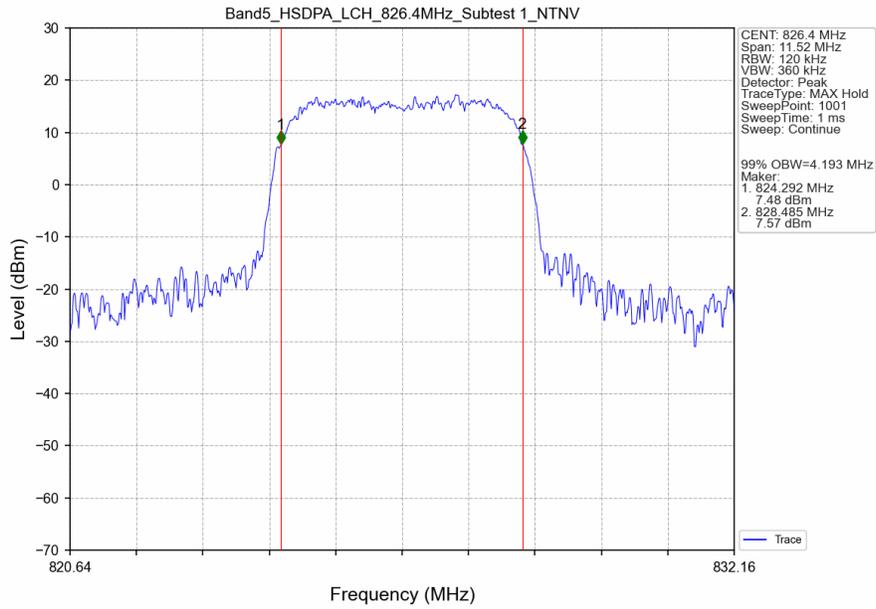
3.2.1 BandV_OBW



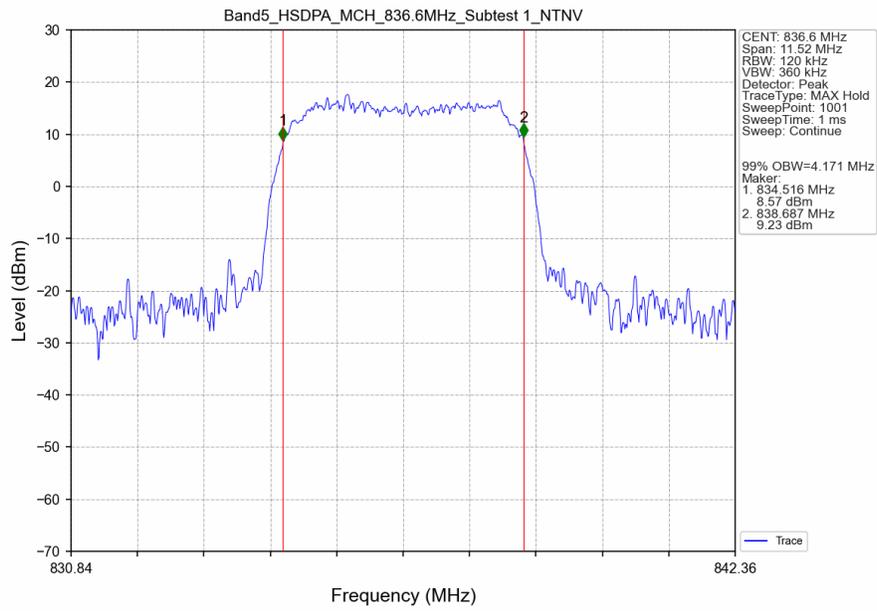
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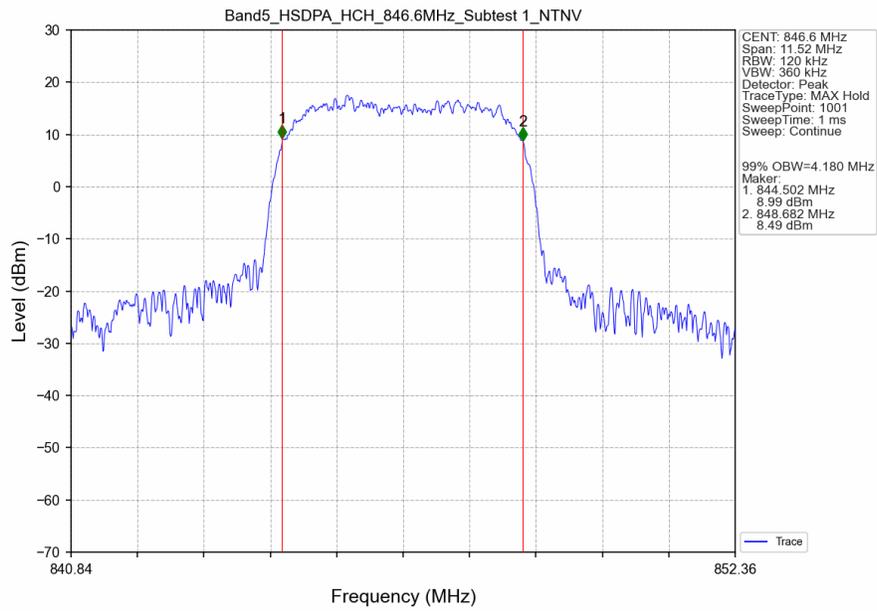
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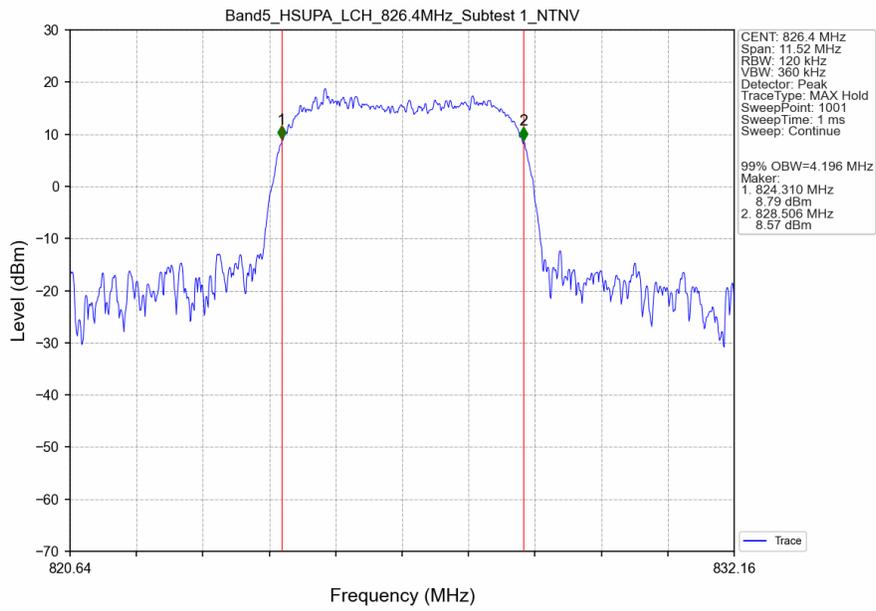
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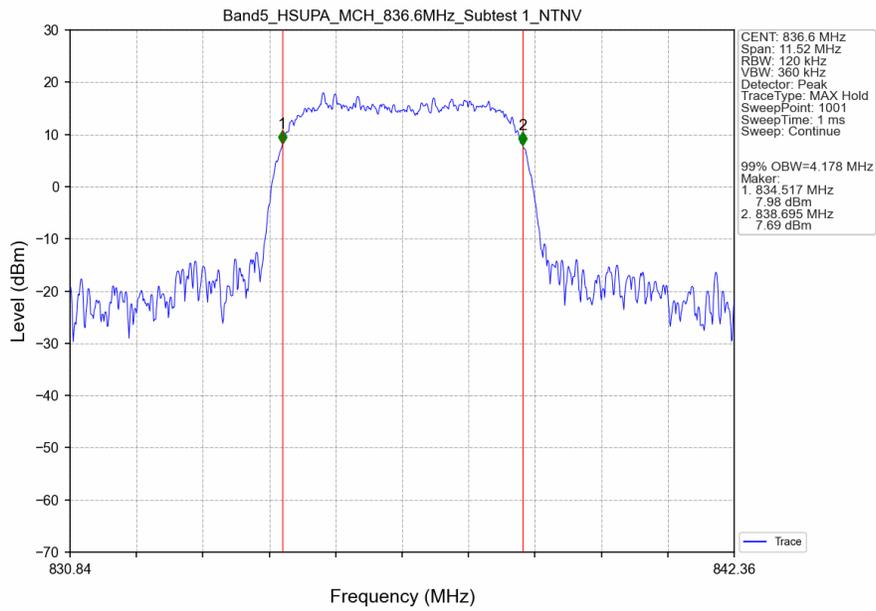
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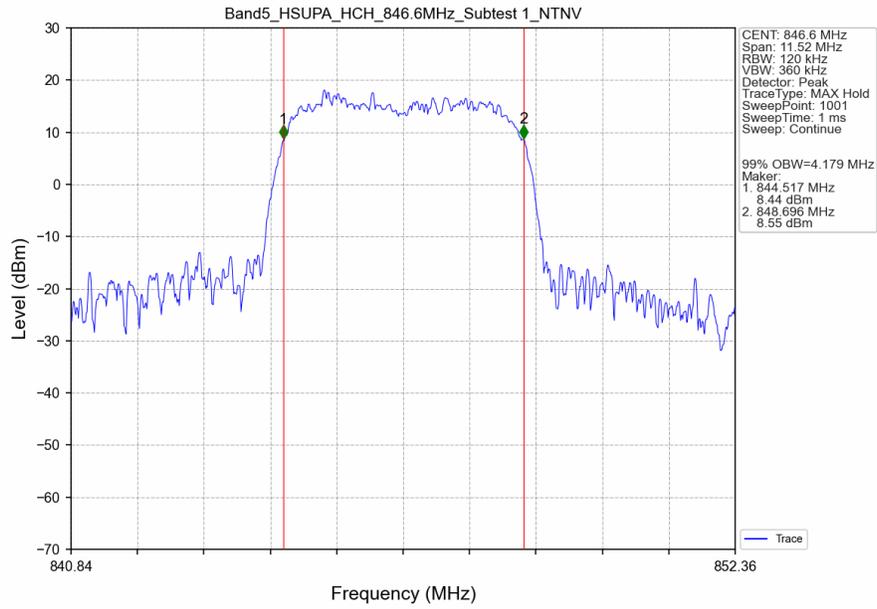
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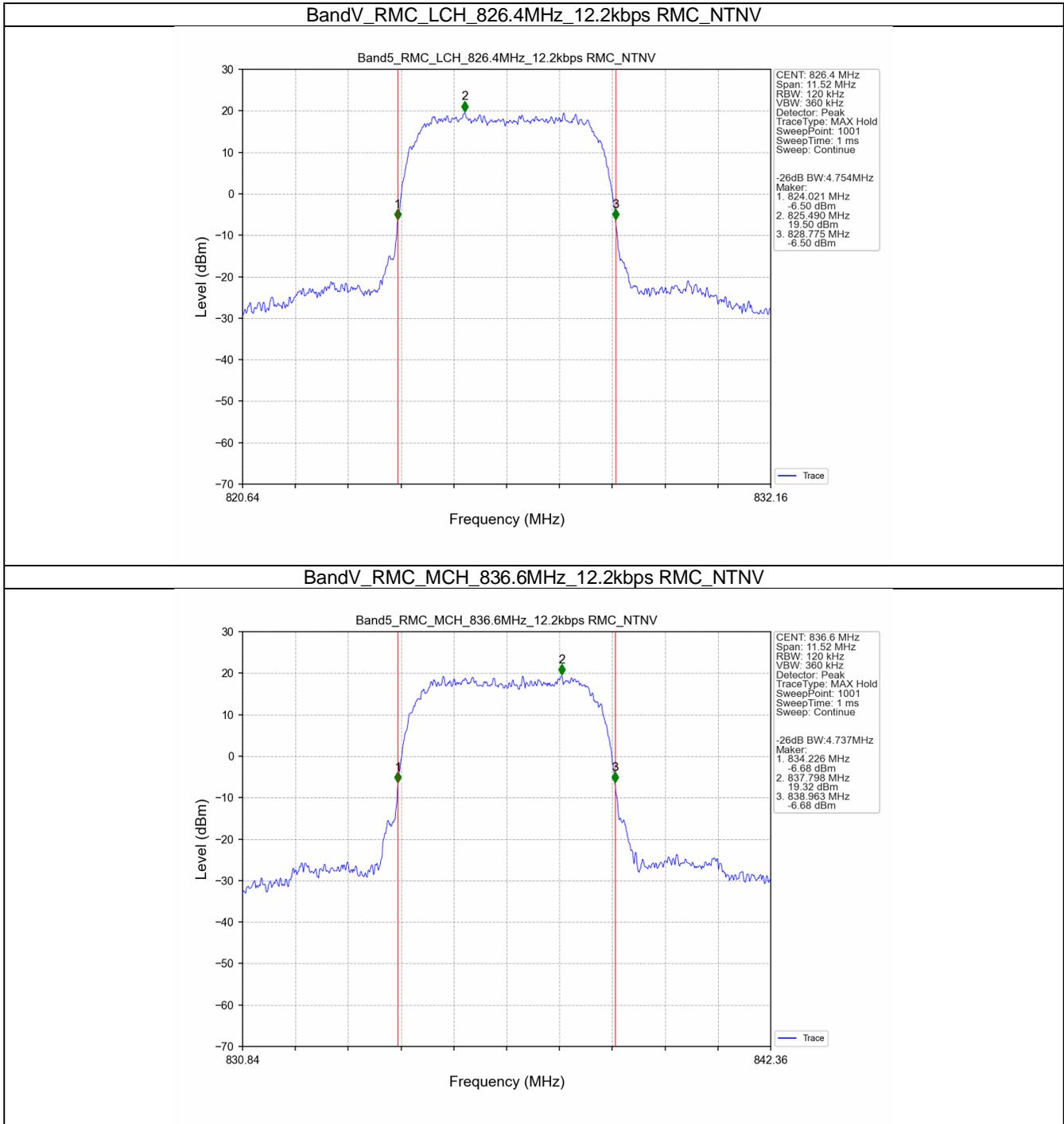
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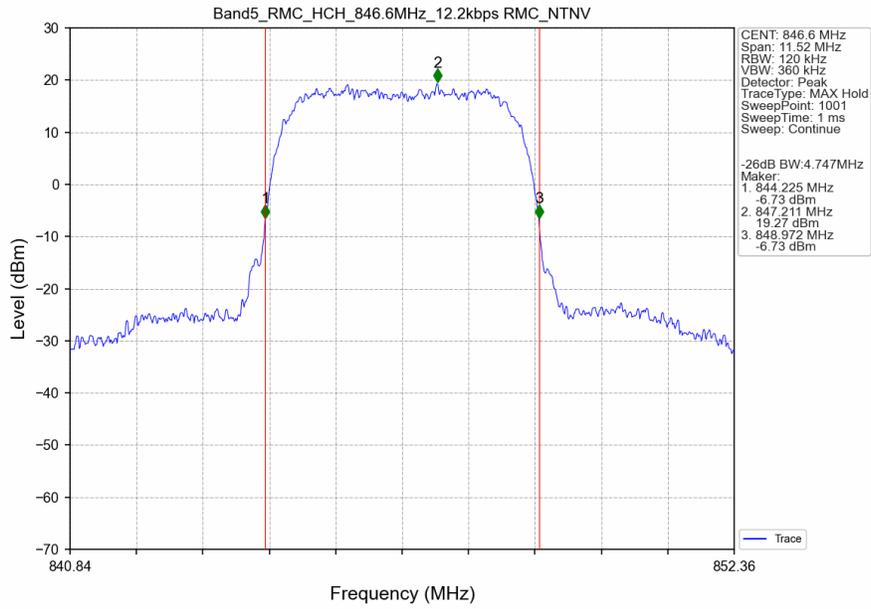
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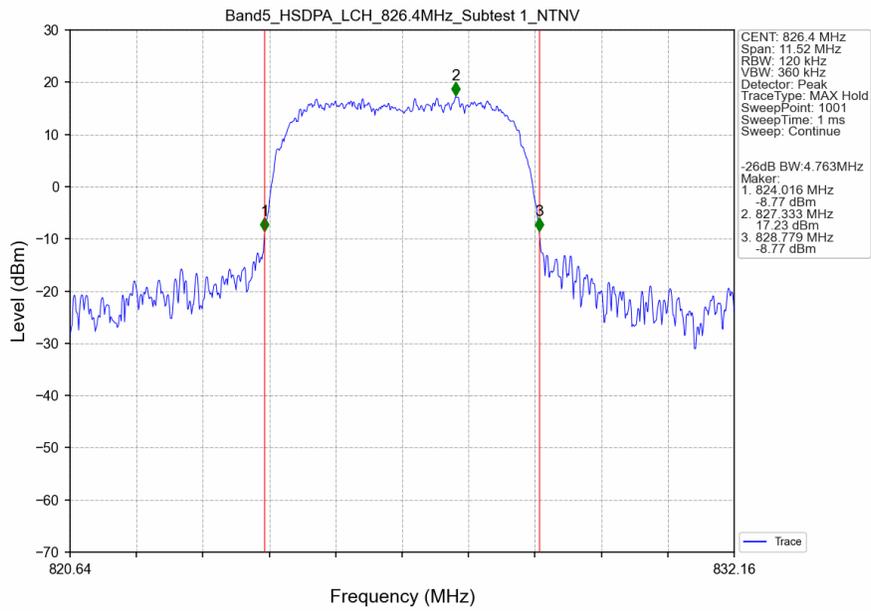
3.2.2 BandV_XDB



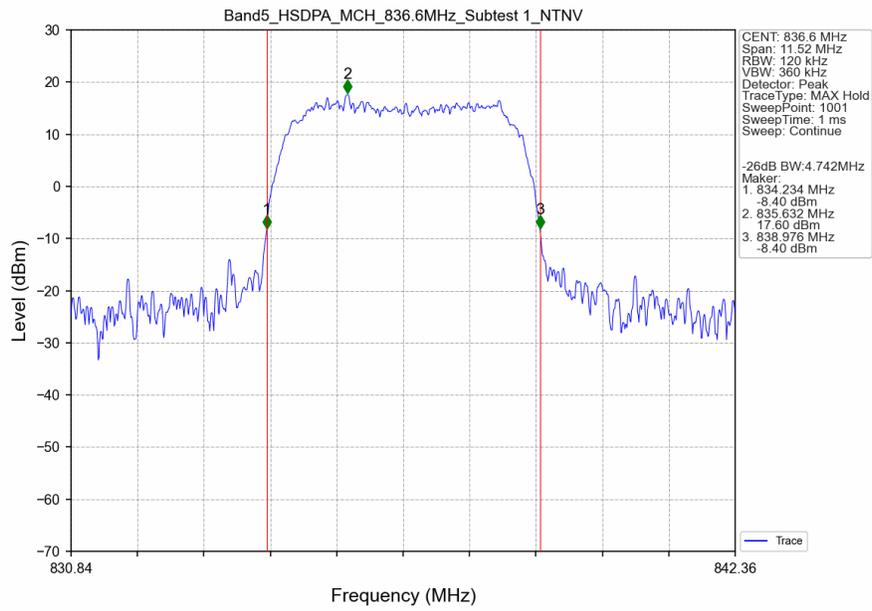
BandV_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV



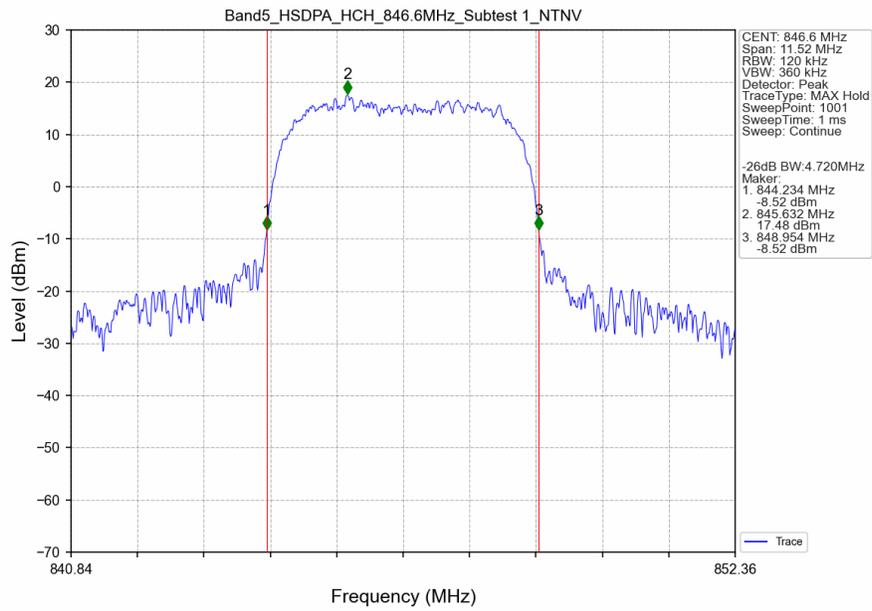
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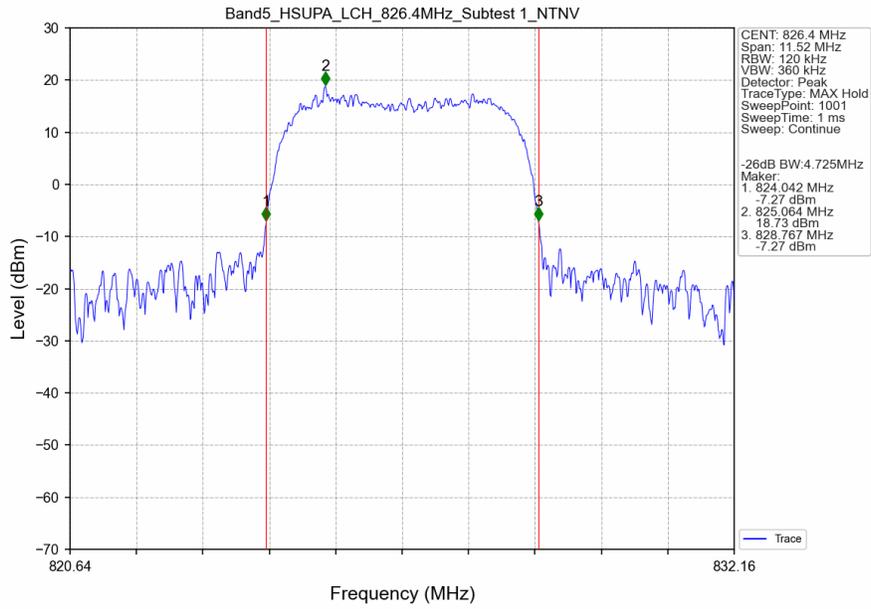
BandV_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



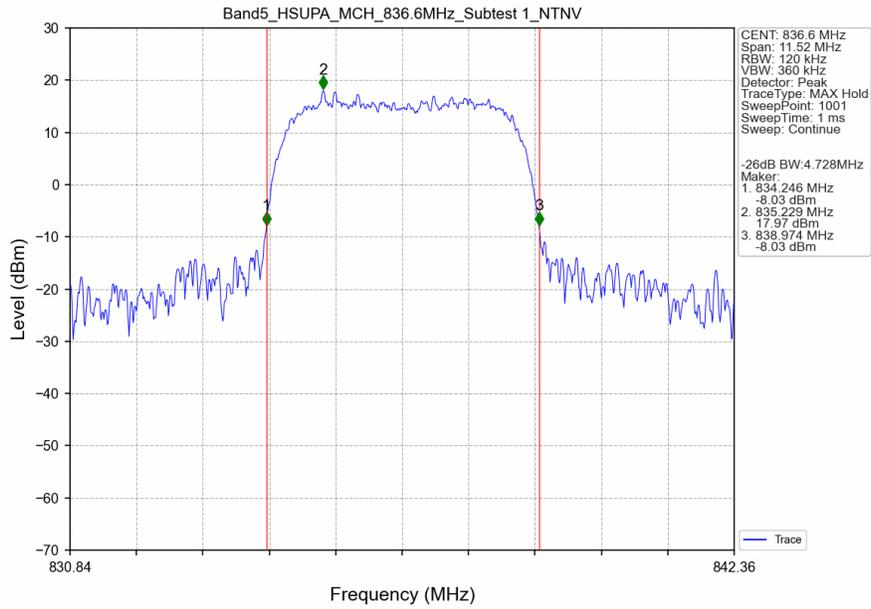
BandV_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



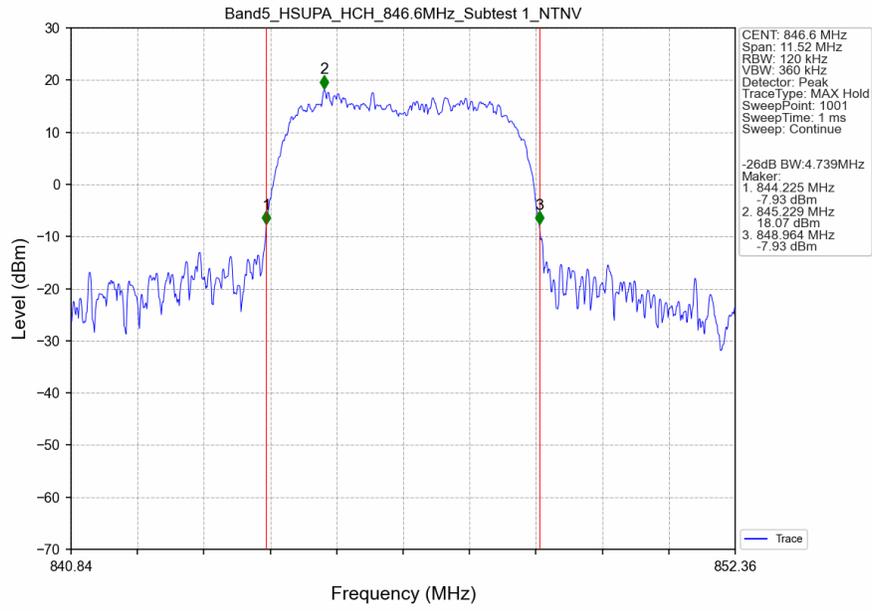
BandV_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



BandV_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



BandV_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



4. Peak-Average Ratio

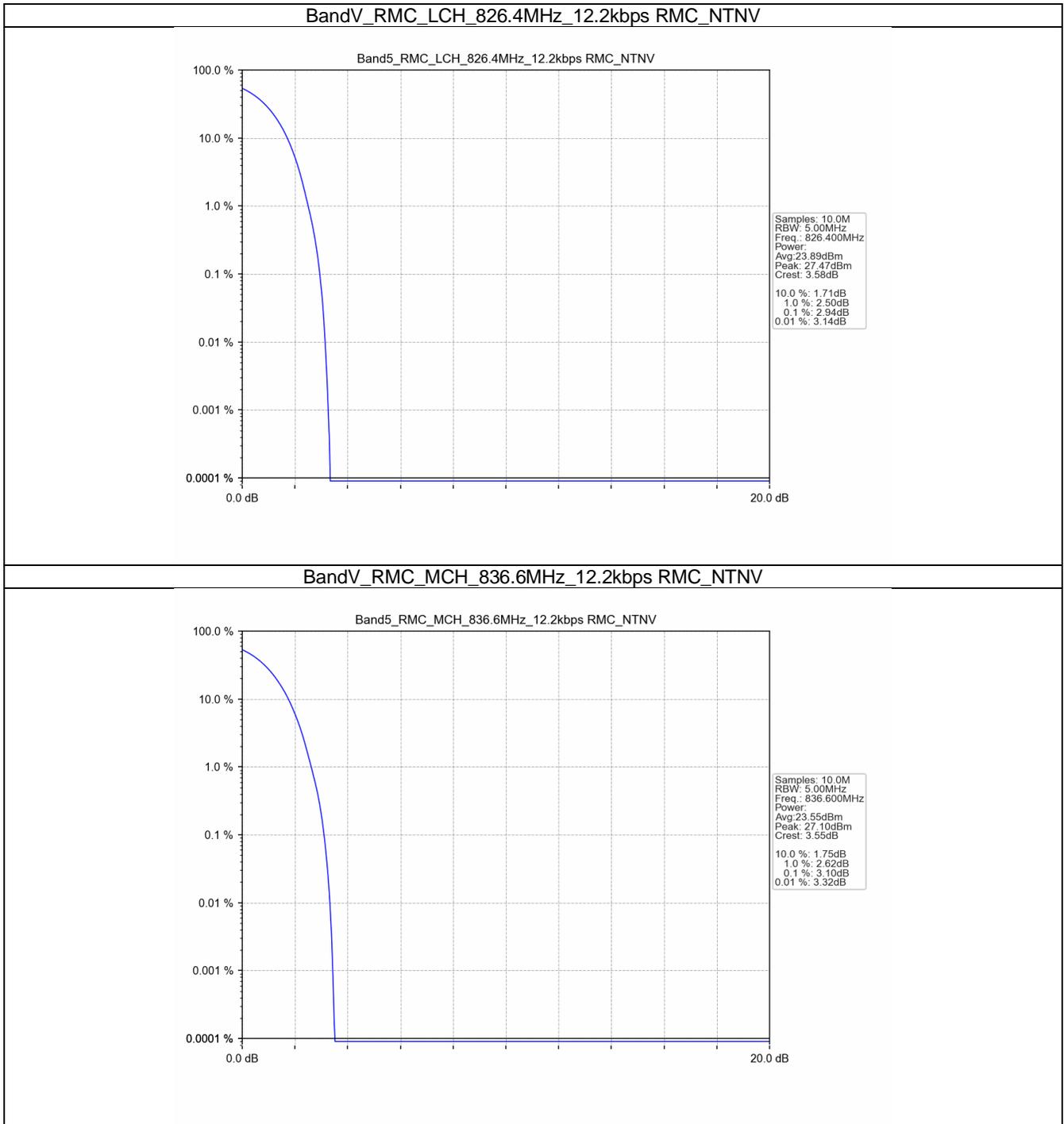
4.1 Test Result

4.1.1 BandV

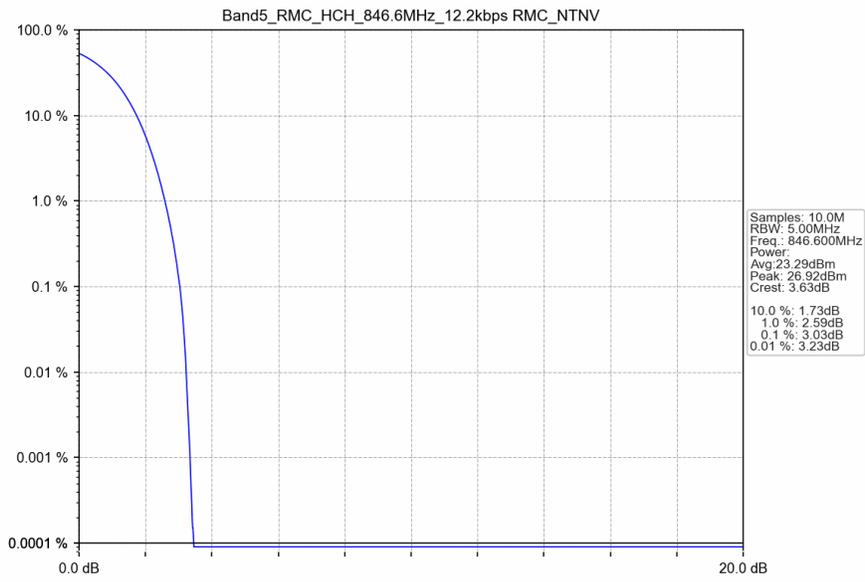
Band: V						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	2.94	<=13	Pass
			836.6	3.10	<=13	Pass
			846.6	3.03	<=13	Pass
	HSDPA	Subtest 1	826.4	5.88	<=13	Pass
			836.6	5.98	<=13	Pass
			846.6	6.01	<=13	Pass
	HSUPA	Subtest 1	826.4	6.79	<=13	Pass
			836.6	6.90	<=13	Pass
			846.6	6.87	<=13	Pass

4.2 Test Graph

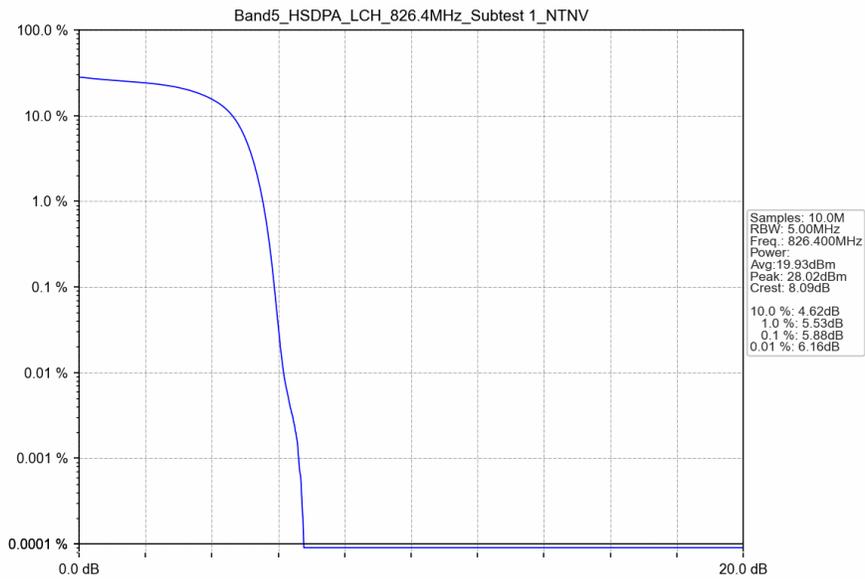
4.2.1 BandV



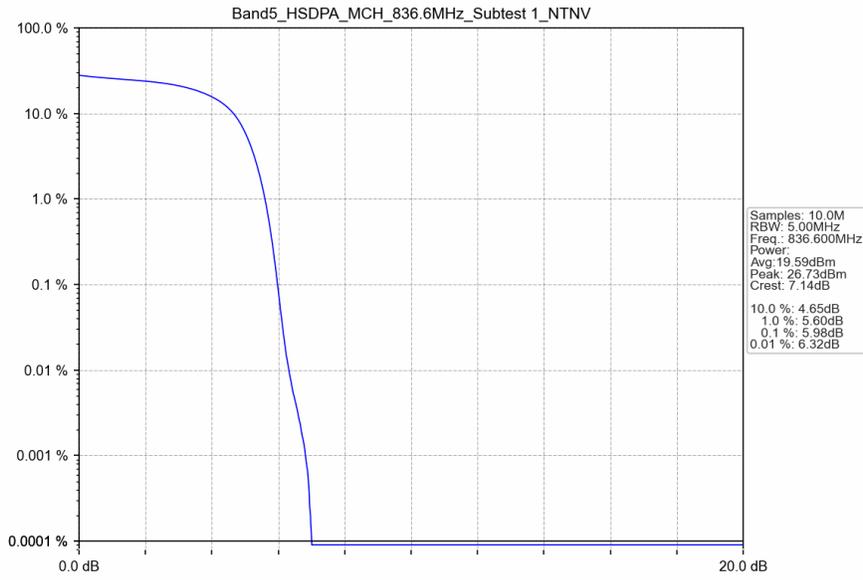
BandV_RMC_HCH_846.6MHz_12.2kbps RMC_NTNV



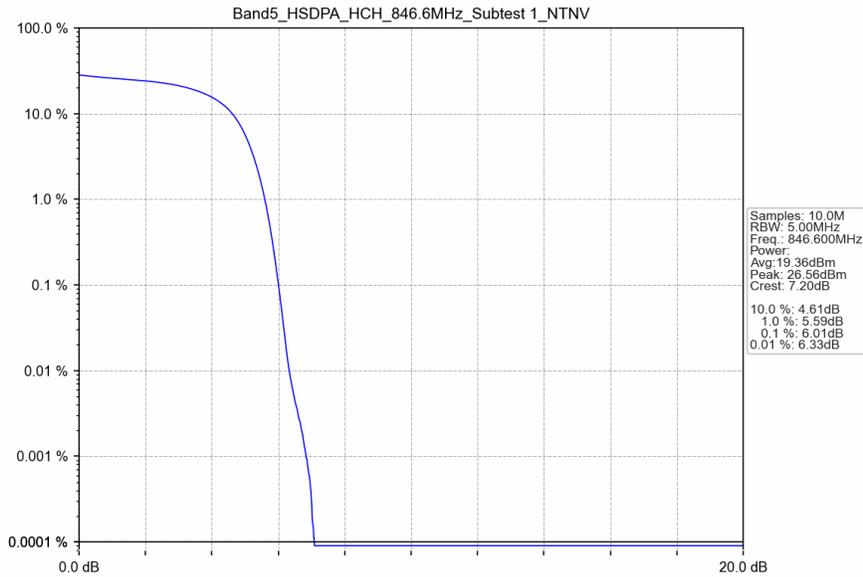
BandV_HSDPA_LCH_826.4MHz_Subtest 1_NTNV



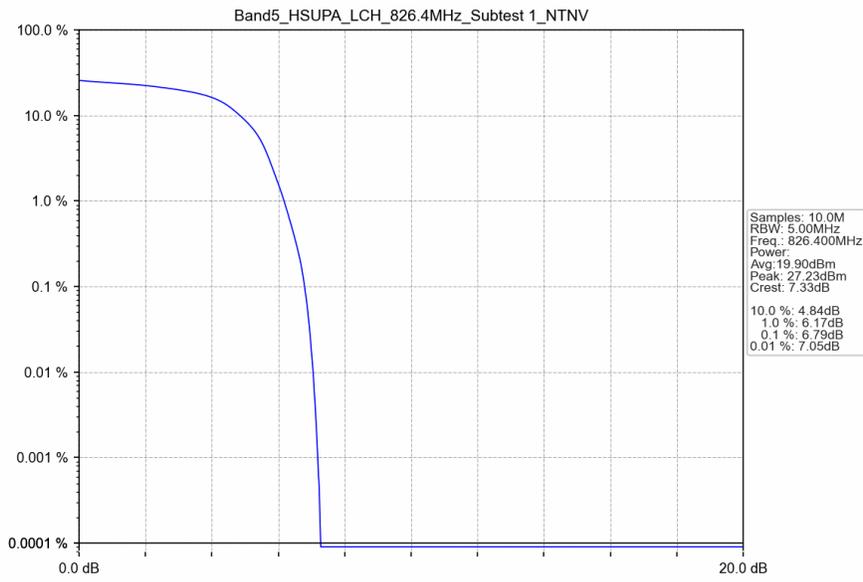
BandV_HSDPA_MCH_836.6MHz_Subtest 1_NTNV



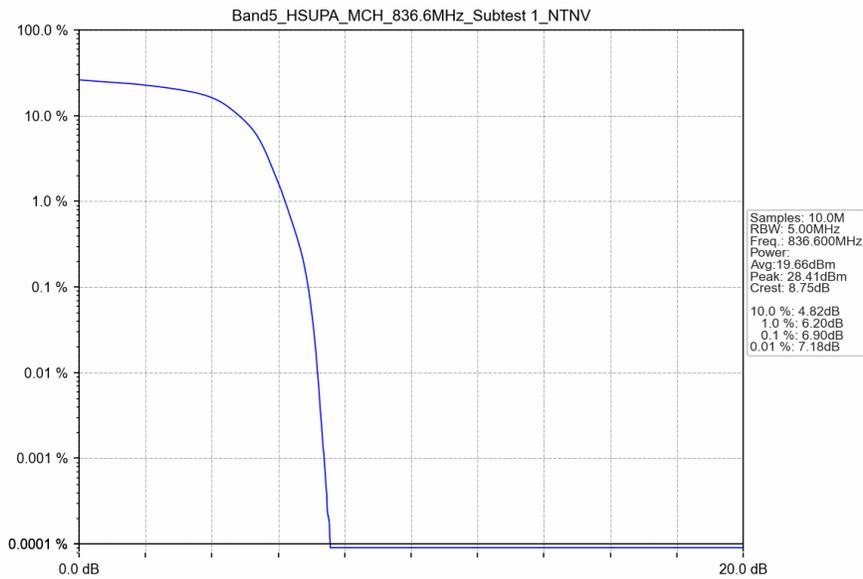
BandV_HSDPA_HCH_846.6MHz_Subtest 1_NTNV



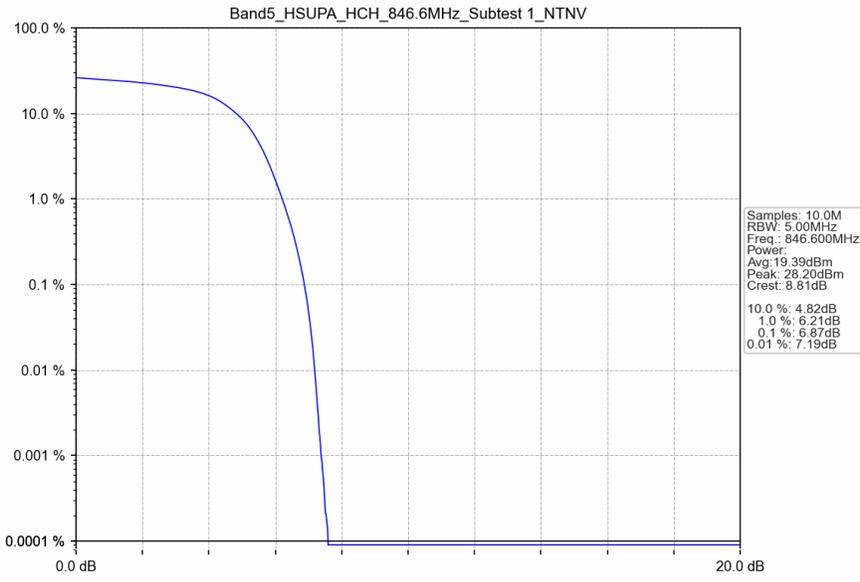
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BandV_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



BandV_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



5. Spurious Emission

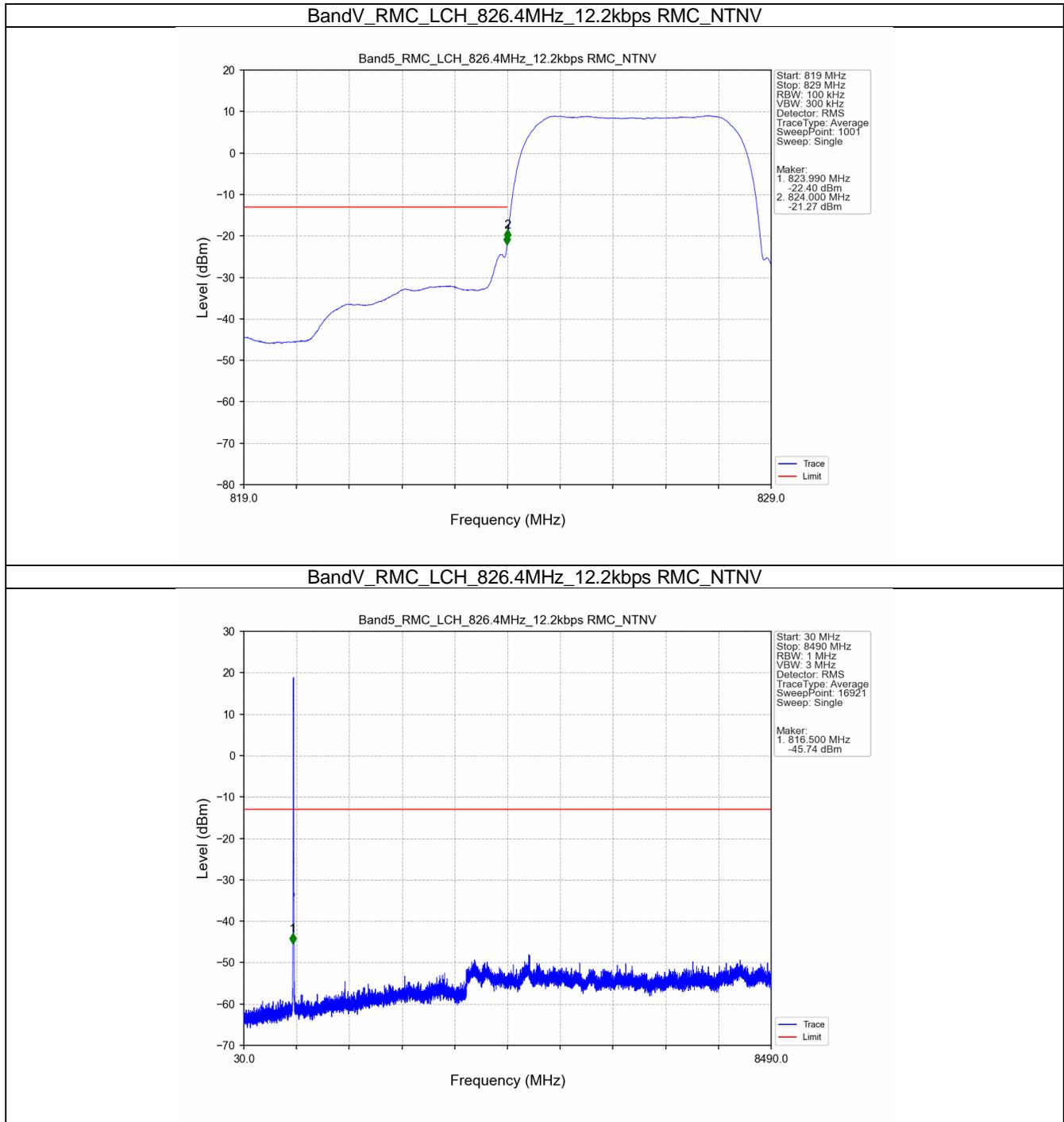
5.1 Test Result

5.1.1 BandV

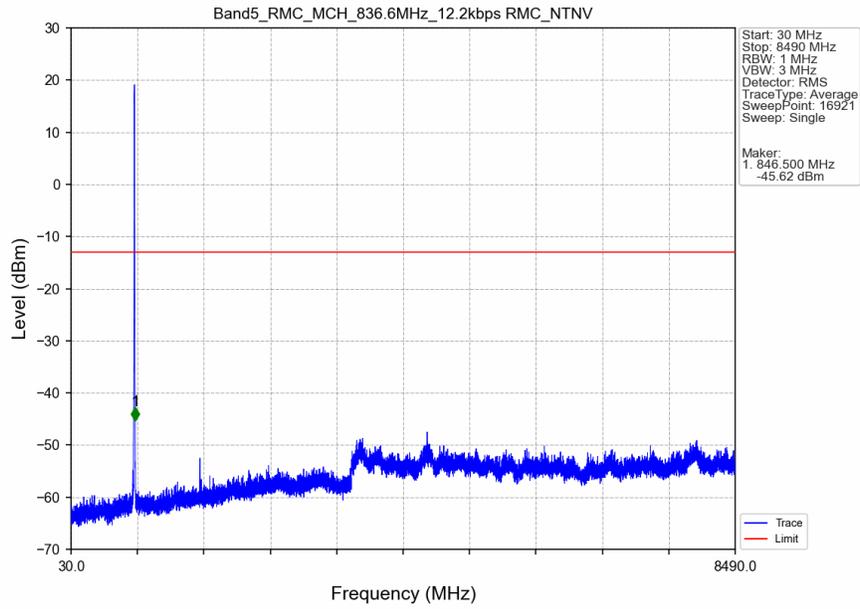
Band: V						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass
	HSDPA	Subtest 1	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass
	HSUPA	Subtest 1	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass

5.2 Test Graph

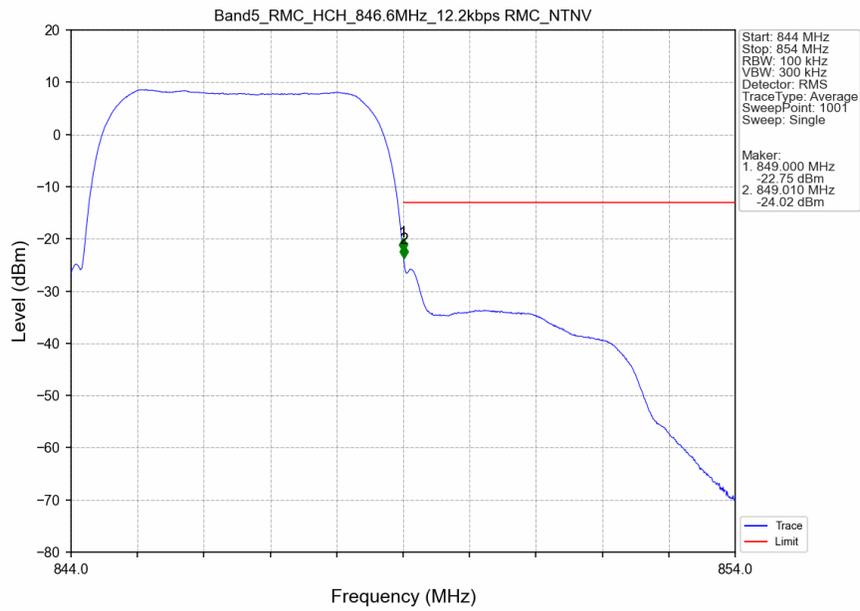
5.2.1 BandV



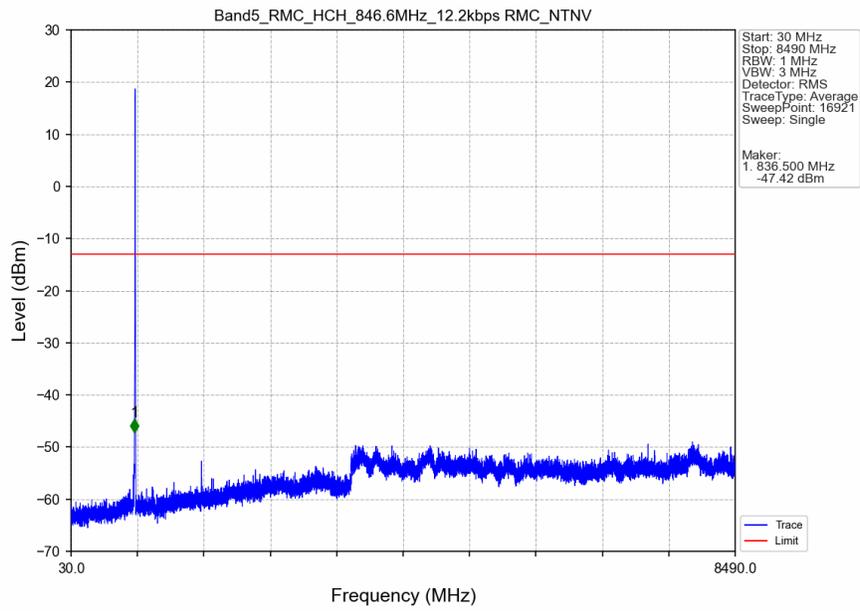
BandV_RMC_MCH_836.6MHz_12.2kbps RMC_NTNV



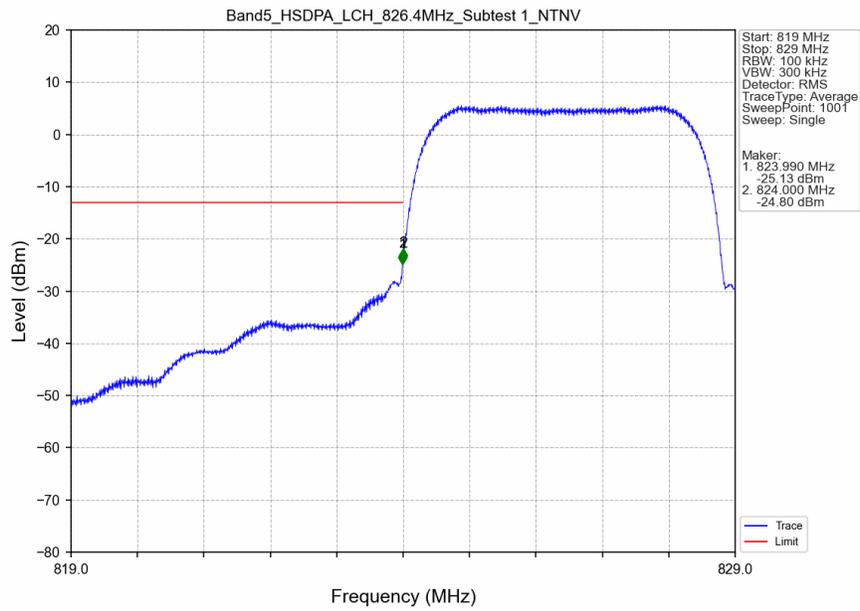
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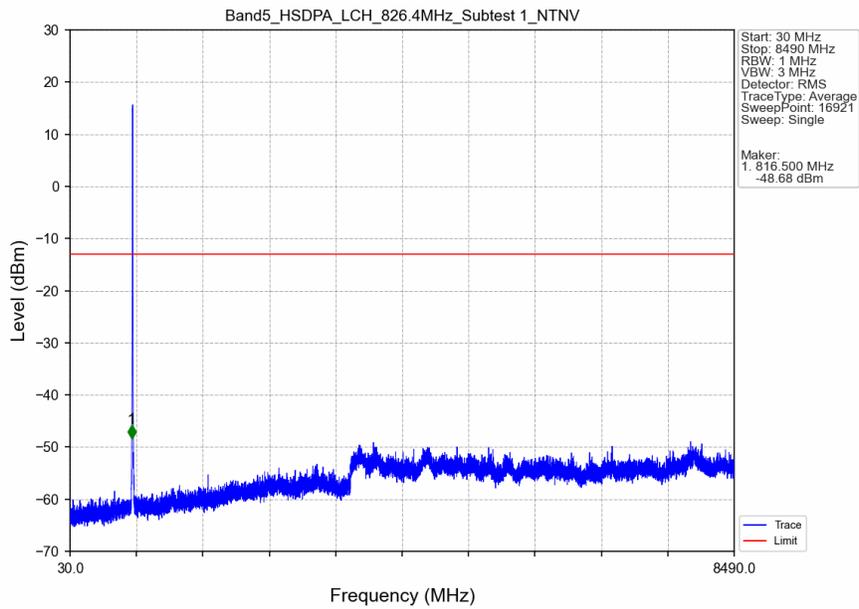
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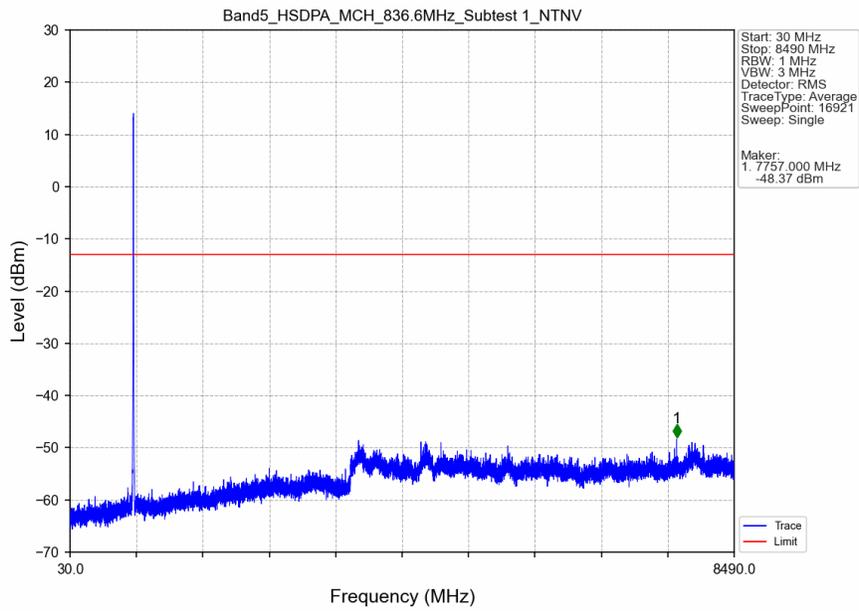
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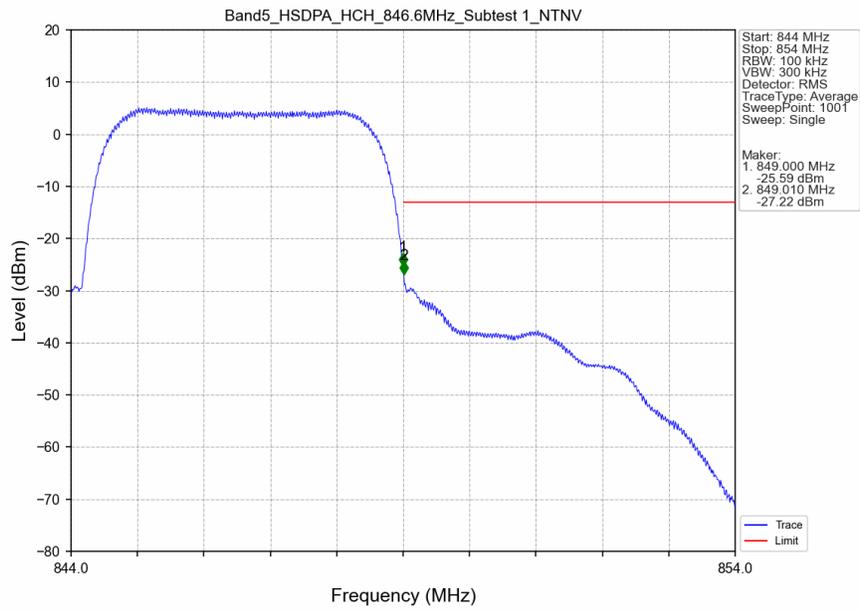
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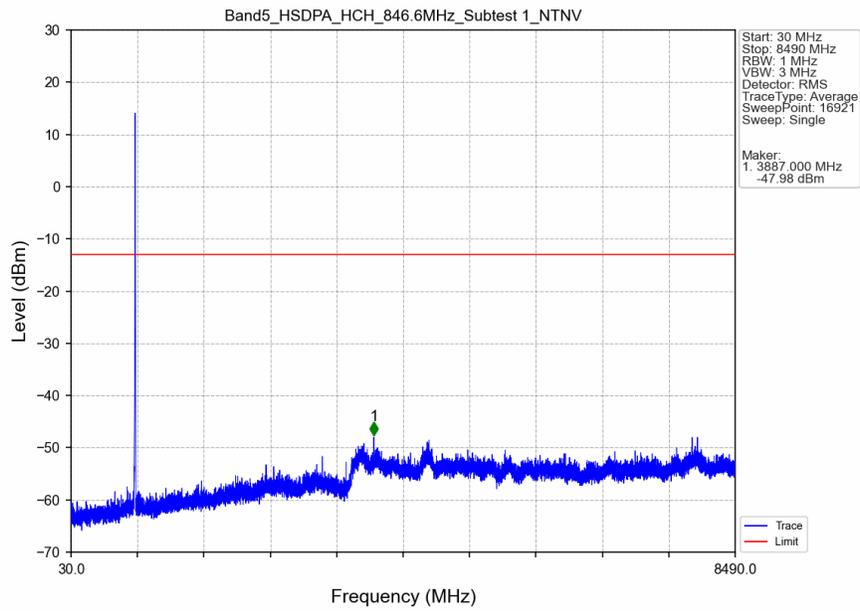
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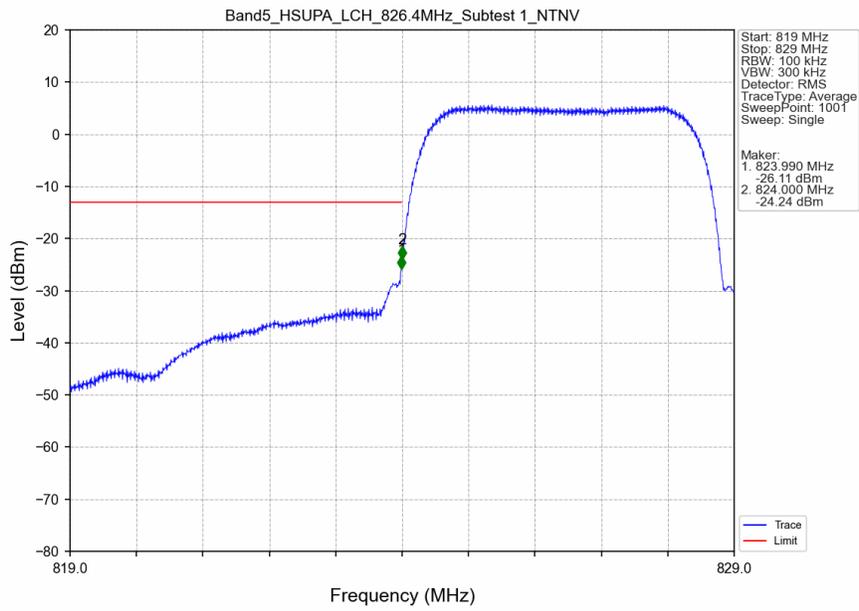
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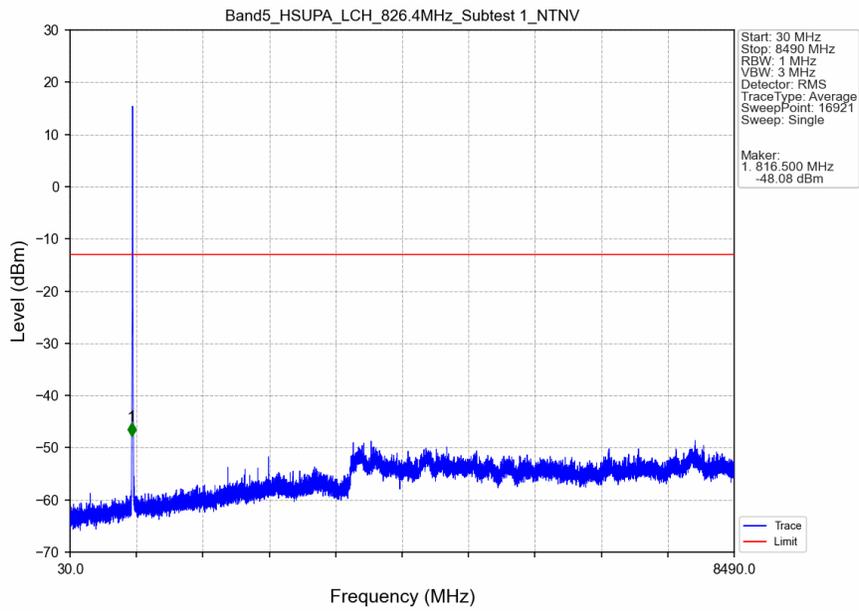
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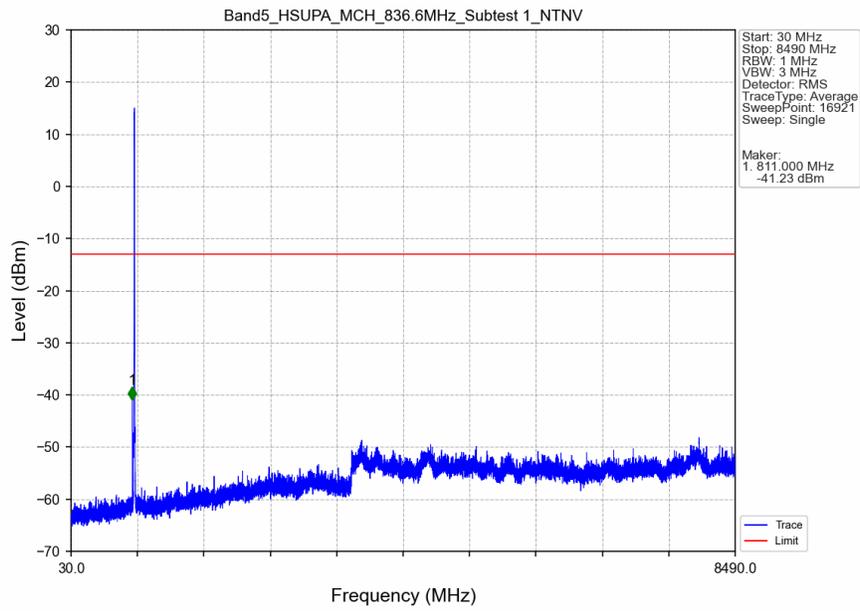
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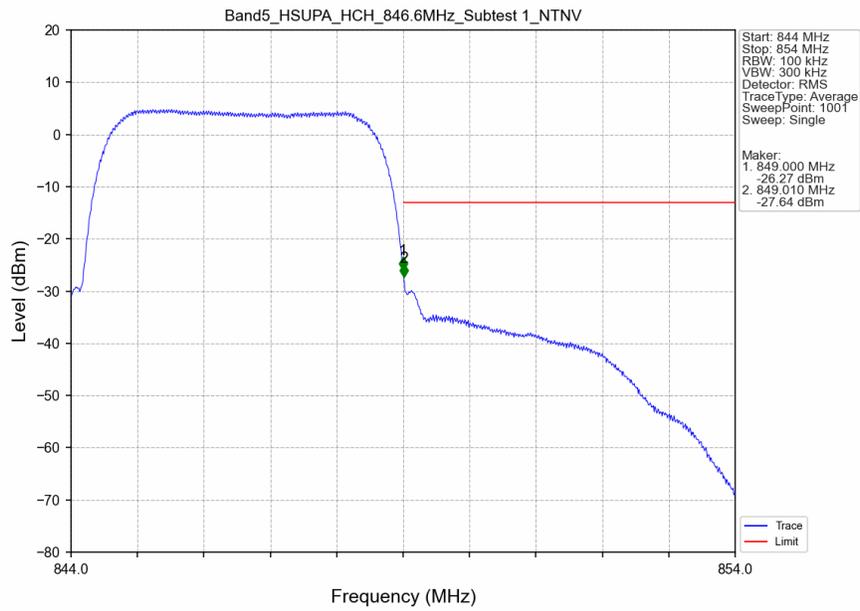
BandV_HSUPA_LCH_826.4MHz_Subtest 1_NTNV



BandV_HSUPA_MCH_836.6MHz_Subtest 1_NTNV



BandV_HSUPA_HCH_846.6MHz_Subtest 1_NTNV



BandV_HSUPA_HCH_846.6MHz_Subtest 1_NTNV

